

L1 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:656588 CAPLUS
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 TITLE: Antibacterial complex of chitosan and
 cellulose fibers for diaper or other hygiene products
 INVENTOR(S): Suzuki, Migaku
 PATENT ASSIGNEE(S): Nippon Kyushutai Gijutsu Kenky, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
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 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05228176	A	19930907	JP 1992-35402	19920221
JP 3018304	B2	20000313		
PRIORITY APPLN. INFO.:			JP 1992-35402	19920221

TI Antibacterial complex of chitosan and cellulose fibers for
diaper or other hygiene products

AB Antibacterial and biodegradable complex of chitosan and
cellulose fibers is used for preparing hygiene products (diapers,
sanitary napkins, etc.) to prevent bacterial growth (or
diaper rash), as well as to reduce environmental
pollution. The antibacterial activity of chitosan and Chitopoly
was examined Chitosan-containing nonwoven fabric was prepared from
alkali cellulose, cellulose xanthate, chitosan. etc. Flow
charts for the preparation of chitosan-containing rayon and nonwoven
fabrics were presented.

ST antibacterial cellulose chitosan fiber complex diaper

IT Rayon, uses
RL: USES (Uses)
(chitosan-containing, for antibacterial and biodegradable diaper
or other hygiene products)

IT Absorbents
(biodegradable, chitosan and cellulose composite fiber for)

IT Synthetic fibers, polymeric
RL: BIOL (Biological study)
(chitosan, antibacterial and biodegradable diaper or other
hygiene products containing)

IT Diapers
(disposable, antibacterial and biodegradable complexes of
chitosan and cellulose fibers for)

IT Medical goods
(sanitary napkins, antibacterial and biodegradable complexes of
chitosan and cellulose fibers for)

IT 9012-76-4, Chitosan
RL: BIOL (Biological study)
(cellulosic fibers containing antibacterial properties of, diapers and
hygienic products manufacture with)

IT 9004-34-6, Cellulose, biological studies 9032-37-5, Cellulose xanthate
9081-58-7, Alkali cellulose
RL: BIOL (Biological study)
(composite fibers, with chitosan, antibacterial properties
of, diapers and hygienic products manufacture with)

IT 9004-34-6
RL: BIOL (Biological study)

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L1	4	SEA ABB=ON	PLU=ON	(DIAPER OR SANITARY NAPKIN OR TRAINING PANT) (P) RASH AND CHITOSAN
		D L1	IBIB KWIC	1-
L2	2	SEA ABB=ON	PLU=ON	(DIAPER OR SANITARY NAPKIN OR TRAINING PANT) (P) DERMATITIS AND CHITOSAN
		D L2	IBIB KWIC	1-
L3	102	SEA ABB=ON	PLU=ON	(DIAPER OR SANITARY NAPKIN OR TRAINING PANT) AND CHITOSAN
L4	45	SEA ABB=ON	PLU=ON	(DIAPER OR SANITARY NAPKIN OR TRAINING PANT) (P) CHITOSAN
L5	41	SEA ABB=ON	PLU=ON	L4 NOT L1
L6	40	SEA ABB=ON	PLU=ON	L5 NOT L2
		D L6	IBIB KWIC	30-40

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